

a mounting system coupling the housing to the frame, the mounting system including a plurality of four-bar linkages, each of the four-bar linkages including two links, first pin joints coupling first ends of the respective links to the frame, and second pin joints coupling second ends of the respective links to the housing; and

a locking mechanism adapted to prevent movement of the housing away from the closed position,

wherein the locking mechanism comprises at least one housing connector coupled to the housing and adapted to mate with an interlocking frame connector coupled to the frame, and

wherein the housing connector comprises a pin and the frame connector forms an L-shaped receptacle.

**26.** The PCS of claim **25**, wherein the pin comprises a pin joint of one of the four-bar linkages.

**27.** The PCS of claim **25**, wherein the locking mechanism further comprises a release mechanism operable to move the frame connector between a lock position and a release position.

**28.** The PCS of claim **27**, wherein the release mechanism comprises a control mechanism selected from the group consisting of a lever, a cam, a solenoid, a motor with a drive gear, and a combination thereof.

**29.** The PCS of claim **27**, wherein the release mechanism is biased toward the lock position.

**30.** The PCS of claim **1**, wherein the second pin joints coupling the links to the housing comprise quick-release mechanisms.

**31.** The PCS of claim **1**, wherein the orientation of the housing relative to the frame comprises a substantially vertical orientation.

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